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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Larkin Lowrey, et al. Art Unit : 3661
Serial No. : 09/922,954 Examiner : G. Arthur
Filed : August 6, 2001
Title : INTERNET-BASED METHOD FOR DETERMINING A VEHICLE'S FUEL
EFFICIENCY

Commissioner for Patents
Washington, D.C. 20231-9

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GROUP 3600

RESPONSE

In response to the action mailed May 31, 2002, please amend the application as follows:

In the Claims:

✓ Please cancel claims 2 and 3 without prejudice.

Please amend claims 1, 4-12, 14-25, 27-29, and 31-38, as follows:

1. (Once Amended) A method for characterizing a vehicle's fuel efficiency comprising:
generating parameter-related data from the vehicle that describes at least one of a
plurality of vehicle parameters including: vehicle speed, fuel level, engine speed, load, mass air
flow, manifold air pressure, odometer reading;
transferring the parameter-related data to a wireless appliance comprising a wireless
transmitter;
transmitting the parameter-related data with the wireless transmitter over an airlink to a
host computer system; and
analyzing the transmitted parameter-related data with the host computer system to
calculate the vehicle's fuel efficiency, the analyzing comprising determining an amount of fuel
consumed by the vehicle during an interval, determining a distance traveled by the vehicle

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